

**State of Nevada
Division of Environmental Protection
State Revolving Loan Fund Program**

Checklist for Environmental Review of Facility Plans

Project Name:_____ Project No._____

Reviewer:_____ Date:_____

Yes/Adequate = X

No/Inadequate = O

Not Applicable = N/A

1. Physical Aspects - Topography, Geology and Soils

- a. Are there physical conditions (i.e. steep slopes, high groundwater, etc.) that might adversely affect the construction of the WWTP facilities or other project? _____
- b. Are there limiting physical conditions in the planning area that might make development unsuitable? _____
- c. Are there any unusual or unique geological features that might be affected? _____
- d. Are there any hazardous areas (slides, faults, etc.) that might affect construction or development? _____

Discussion:_____

2. Climate

- a. Are there any unusual or special meteorological constraints in the planning area that might result in an air quality problem? _____
- b. Are there any unusual or special meteorological constraints in the planning area that affect the feasibility of the proposed wastewater treatment alternative or other project? _____

Discussion:_____

3. Population

- a. Do the population projections agree with State projections? _____
- b. Are the growth rates excessive? _____
- c. Will additional growth be induced or growth in the new areas encouraged as a result of facilities construction? _____

Discussion: _____

4. Housing, Industrial and Commercial Development and Utilities

- a. Will existing homes or businesses be displaced as a result of construction of this project? _____
- b. Will new housing serviced by this facility affect existing facilities, transportation patterns, environmentally sensitive areas, or be in special hazard or danger zones? _____
- c. Will proposed population growth create strains on utilities and services (police, power, water supply, hospital care, schools, etc)? _____

Discussion: _____

5. Economics and Social Profile

- a. Does documentation exist which suggests that the local populace cannot afford their local share of the proposed project? _____
- b. Will the facilities adversely affect land values? _____

Discussion: _____

6. Land Use

- a. Will inhabited areas be adversely impacted by the project site? _____
- b. Will new development have adverse effects on older existing land uses (agriculture, forest land, etc.)? _____
- c. Will this project contribute to changes in land use in association with recreation (skiing, parks, etc.), mining or other large industrial or energy development? _____

Discussion: _____

7. Floodplain Development

- a. Will the project be constructed in a 100 year floodplain? _____
- b. Will the project serve direct or indirect development in a 100 year floodplain anywhere in the planning area? _____

Discussion: _____

8. Wetlands

Does the planning area contain wetlands? _____

If yes, answer the following:

- a. Will any major part of the treatment works be located in wetlands? _____
- b. Will the project serve growth and development which will directly or indirectly affect wetlands? _____

Discussion: _____

9. Wild and Scenic Rivers

Does the planning area contain a designated or proposed wild and scenic river? _____

If yes, answer the following questions:

a. Will the project be constructed near the river? _____

b. Will projected growth and development take place contiguous to or upstream from the river segment? _____

c. Will the river segment be used for disposal of effluent? _____

Discussion: _____

10. Cultural Resources (Archeological/Historical)

a. Are there any properties (historic, architectural, archeological) in the planning area which are listed on or eligible for listing on the National Register of Historic Places? _____

If yes, will the project have direct or indirect adverse impacts on any listed or eligible property? _____

b. Has the project site been surveyed for cultural resources? _____

Discussion: _____

11. Flora and Fauna (including threatened and endangered species)

a. Are there any designated threatened or endangered species or their habitat in the planning area? _____

b. Will the project have direct or indirect adverse impacts on any such designated species? _____

c. Will the project have a direct or indirect adverse impact on fish, wildlife or their habitat including migratory routes? _____

d. Does the planning area include a sensitive habitat area designated by a state or federal wildlife agency? _____

Discussion: _____

12. Recreation and Open Spaces

- a. Will the project eliminate or modify recreational open space, parks or areas of recognized scenic or recreational value? _____
- b. Is it feasible to combine the project with parks, bicycle paths, hiking trails, waterway access and other recreational users? _____

Discussion: _____

13. Air Quality

- a. Are there any direct air emissions from the project (i.e. sludge incinerator) which do not meet federal and state emission standards contained in the State Air Quality Implementation Plan (SIP)? _____
- b. Is the project service area located in an area without an approved or conditionally approved SIP? _____
- c. Do the population projections used in the facilities plan exceed the state or area-wide projections in the SIP? _____
- d. Does the project conform with the requirements of the SIP? _____
- e. Is the project inconsistent with the SIP of an adjoining state that may be impacted by the project? _____
- f. Does the project violate national ambient air quality standards in an attainment or unclassified area? _____
- g. Will the facilities create an odor nuisance problem? _____

Discussion: _____

14. Water Quality and Quantity (Surface/Groundwater)

- a. Is there a substantial risk that the proposed discharge will not meet existing stream standards or will not be of sufficient quality to protect Designated stream uses? _____
- b. Will construction of the project and development to be served by the project result in nonpoint water quality problems, (sedimentation, urban runoff, etc.) ? _____
- c. Will water rights be adversely affected by the project? _____
- d. Will stream habitat be affected as a result of the change in flow or stream bank modification? _____
- e. Have the wasteload allocation calculations been performed? _____
- f. Will the project adversely affect the quantity or quality of a ground water resource? _____
- g. Are there additional cost-effective water conservation measures that could be adopted by the community to reduce sewage generation? _____

Discussion: _____

15. Public Health

- a. Will there be adverse direct or indirect noise impacts from the project? _____
- b. Will there be a vector problem from the project? _____
- c. Will there be any unique public health problems as a result of the project? _____

Discussion: _____

16. Land Application

- a. Has a new or unproven technique been selected? _____
- b. Is there considerable public controversy about the project? _____
- c. Will the project require additional water rights or impact existing water rights? _____

Discussion: _____

17. Regionalization

- a. Are there jurisdictional disputes or controversy over the project? _____
- b. Is the proliferation of small treatment plants and septic systems creating a significant health problem? _____
- c. Have inter-jurisdictional agreements been signed? _____

Discussion: _____

18. Public Participation

- a. Is there a substantial level of public controversy? _____
- b. Is there adequate evidence of public participation in the project? _____

Discussion: _____
